

Gentek Group

- Immune cells first seed fetal tissues (1) – **key functions in development?** (2)
- At different life stages, “layered” immune cells (macrophages, mast cells, innate lymphocytes) derive from **distinct progenitors**
- Some fetal-derived immune cells **persist in adult tissues** – **they might be functionally distinct** (2)
- Adverse early life environments (3) predispose to many adult diseases, such as rheumatoid arthritis – **mediated by fetal immune cells** (4)?

Development, functions and programming of the “layered” immune system

